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Alkali-Carbonate Reactions
A Bibliography

ALKALI-CARBONATE REACTIONS

A BIBLIOGRAPHY

Compiled

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ALKALI-CARBONATE REACTIONS - A BIBLIOGRAPHY

INTRODUCTION

This bibliography has been compiled to serve as a guide to the existing literature on reactions between alkalies in portland cement concrete and carbonate aggregates. Papers on conventional alkali-silica reactions where carbonate rocks may be involved has been excluded. A bibliography on alkali-silica and alkali-silicate reactions was compiled by J.W.Figg in 1977 (Alkali-Aggregate Reactivity - A Bibliography; CEMBUREAU, Paris, Sept).

There are 159 citations. The format has been designed so that the individual items may be cut out and pasted on to 3x5 inch file cards. While every effort has been made to ensure that this bibliography is as complete and accurate as possible, omissions and errors are bound to have occurred. We would be grateful if readers would inform us of any amendments*. We would also appreciate receiving copies of new papers and reports (published and unpublished) on this topic. These will be incorporated in future revisions of this bibliography.

The major sources used in compilation have been an earlier bibliography compiled by Hadley (1964b), a bibliography of Virginia research compiled by Newlon et al (1972b) and the Ontario Ministry of Transportation and Communications library and files. The assistance of library staff is gratefully acknowledged.

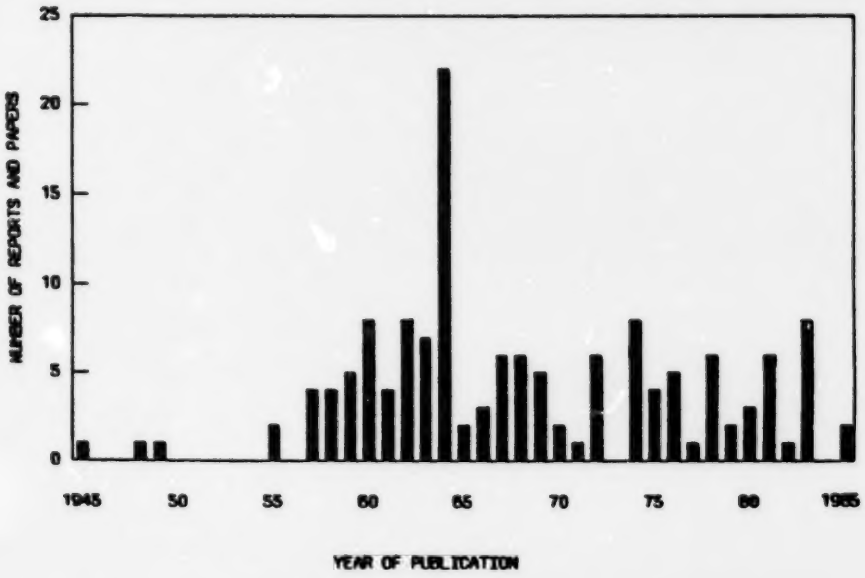

Figure 1. REPORTS AND PAPERS RELATING TO ALKALI-CARBONATE REACTIONS; DISCUSSIONS, SPECIFICATIONS AND TEST METHODS EXCLUDED.

*Send amendments to: CHRIS ROGERS, ENGINEERING MATERIALS OFFICE, MINISTRY OF TRANSPORTATION & COMMUNICATIONS, 1201 WILSON AVENUE, DOWNSVIEW, ONTARIO M3M 1J8. CANADA

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